

## X-RAY ANALYZER

### ABSTRACT OF THE DISCLOSURE

There is disclosed an X-ray analyzer capable of precisely measuring a trace amount of cadmium contained in plastic. The analyzer has an X-ray filter assembly between an X-ray tube having an Rh target and a plastic sample. The filter assembly consists of first, second, and third X-ray filters which are made of zirconium, copper, and molybdenum, respectively. The first through third X-ray filters have thicknesses of about 100  $\mu\text{m}$ , 200  $\mu\text{m}$ , and 40  $\mu\text{m}$ , respectively.